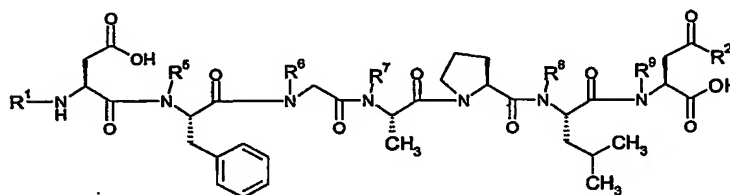


## Claims

1. A peptide having an amino acid sequence of Formula I (SEQ ID NO: 1):  
 $X_1FGAPX_2X_3$  in which  
 $X_1$ , is selected from Aspartic acid and a derivative thereof selected from acylated  
 and alkylated Aspartic acid;  
 $X_2$  is Leucine or when  $X_3$  is absent,  $X_2$  is selected from Leucine and amidated  
 Leucine;  
 $X_3$  is absent or selected from Aspartic acid and amidated Aspartic acid;  
 as well as salt and any derivative or analogue thereof.
2. A peptide according to claim 1 wherein  $X_1$  and  $X_3$  are Aspartic acid.
3. A peptide according to claims 1 or 2 wherein  $X_3$  is absent.
4. A peptide according to any of the preceding claims of the Formula II below:



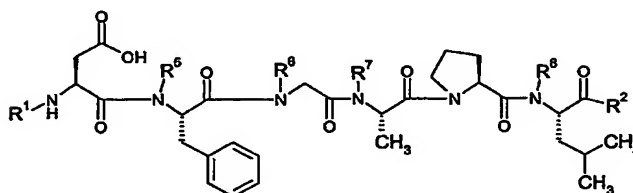
Formula II

wherein  $R^1$  is selected from H,  $C_2-C_6$  acyl and  $C_1-C_6$  alkyl;  $R^2$  is selected from OH and  $NR^3R^4$ , wherein  $R^3$  and  $R^4$  are independently selected from H and  $C_1-C_6$  alkyl and  $R^5, R^6, R^7, R^8$  and  $R^9$  are independently selected from H and  $C_1-C_6$  alkyl.

5. A peptide according to claim 4 wherein  $R^1$  is selected from H and  $C_2-C_6$  acyl and  $R^2$  is selected from OH and  $NH_2$ .

6. A peptide according to claim 4 wherein  $R^1$  is H and  $R^2$  is OH.

7. A peptide according to claim 1 of the Formula III below:



Formula III

wherein  $R^1$  is selected from H,  $C_2-C_6$  acyl and  $C_1-C_6$  alkyl;  $R^2$  is selected from OH and  $NR^3R^4$ , wherein  $R^3$  and  $R^4$  are independently selected from H and  $C_1-C_6$  alkyl and  $R^5, R^6, R^7$  and  $R^8$  are independently selected from H and  $C_1-C_6$  alkyl.

8. A peptide according to claim 7 wherein  $R^1$  is selected from H and  $C_2-C_6$  acyl and  $R^2$  is selected from OH and  $NH_2$ .

9. A peptide according to claims 7 or 8 wherein  $R^1$  is acetyl and  $R^2$  is  $NH_2$ .

10. A peptide according to any of the preceding claims wherein  $R^5, R^6, R^7$  and  $R^8$  are H.

11. A peptide according to any preceding claims selected from the following group:  
SEQ ID NO. 2, SEQ ID NO. 3 and SEQ ID NO. 4.

12. A compound according to any of the preceding claims for use as a medicament.

13. Use of a peptide according to claims 1 to 11 for the preparation of a medicament for the treatment or prevention of an amyloidosis disorder related to IAPP.

14. Use according to claim 13 wherein the amyloidosis disorder is a diabetic disorder.

15. Use according to claim 14 wherein the diabetic condition is Type II diabetes.

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16. Use according to claim 14 wherein the diabetic condition is post-transplantation Type I diabetes.

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17. A pharmaceutical composition comprising a compound according to claims 1 to 11 as active ingredient and a pharmaceutically acceptable excipient or carrier.

18. A method of treating or preventing diabetic disorders by administering an effective amount of any of the peptides or compounds of claims 1 to 11 to a subject in the need thereof.

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19. A method according to claim 18, in which the subject is human.